

**CLASS SPECIFICATION**  
**SAN DIEGO CITY CIVIL SERVICE COMMISSION**  
**EQUIPMENT MECHANIC**

**DEFINITION:**

Under general supervision, to perform skilled mechanical repairs on automotive, construction, fire, industrial, and marine equipment; and to perform related work.

**\* EXAMPLES OF DUTIES:**

- Inspects, diagnoses, and repairs mechanical defects in automotive, construction, fire, industrial, and marine equipment;
- Operates an engine analyzer and other test equipment to locate and determine defects and malfunctions;
- Disassembles engines and performs general overhauls;
- Grinds valves and adjusts ignition, carburetor and fuel injection systems;
- Overhauls and repairs transmissions, universal joints, differentials, steering systems, generators, lighting systems, wheel bearings, and hydraulic and fuel systems;
- Adjusts and relines brakes;
- Repairs cooling systems;
- Repairs components peculiar to heavy industrial equipment;
- Repairs and adjusts air pollution control devices;
- On an occasional basis, repairs bodies and fenders, does frame alignment, brazing, and welding; repairs automotive locks;
- Builds and installs special equipment;
- Makes emergency repairs on damaged vehicles in the field;
- As directed, applies productivity time guidelines and other required data to work repair forms;
- Trains and leads the work of apprentices and assigned personnel.

**MINIMUM QUALIFICATIONS:**

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Announcement for updated minimum qualifications.

Successful completion of a State-accredited four-year Equipment Mechanic Apprenticeship Program; **OR** four years of experience in all phases of journey-level automotive, construction equipment, or truck mechanic work which must include the maintenance, diagnosis, repair, and overhaul of gas or diesel engines; hydraulic or air brake systems, electrical systems, and manual and automatic transmission systems; or a combination of the above training and experience equal to four years. Possession of a valid California Class C Driver's License. A valid California Class A, B or M Driver's License may be required for some positions.

- \* EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.